

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number  
**WO 2005/047568 A1**

(51) International Patent Classification<sup>7</sup>: C25B 9/06, 1/02,  
1/04, 11/02, 11/04, 15/02

(21) International Application Number:  
PCT/CA2004/001964

(22) International Filing Date:  
15 November 2004 (15.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2,449,538 14 November 2003 (14.11.2003) CA

(71) Applicant (for all designated States except US): DY-  
NAMIC FUEL SYSTEMS INC. [CA/CA]; 890 Brock  
Road South, Pickering, Ontario L1W 1Z9 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): FAIRFULL,

Thomas, A. [CA/CA]; 6 Flazington Court, Ajax, Ontario  
L1S 6N5 (CA). SOLIMAN, Mohamed, Ali, Mohamed,  
Ahmed [EG/CA]; 357 Rosedale Drive, Whitby, Ontario  
L1N 1Z2 (CA).

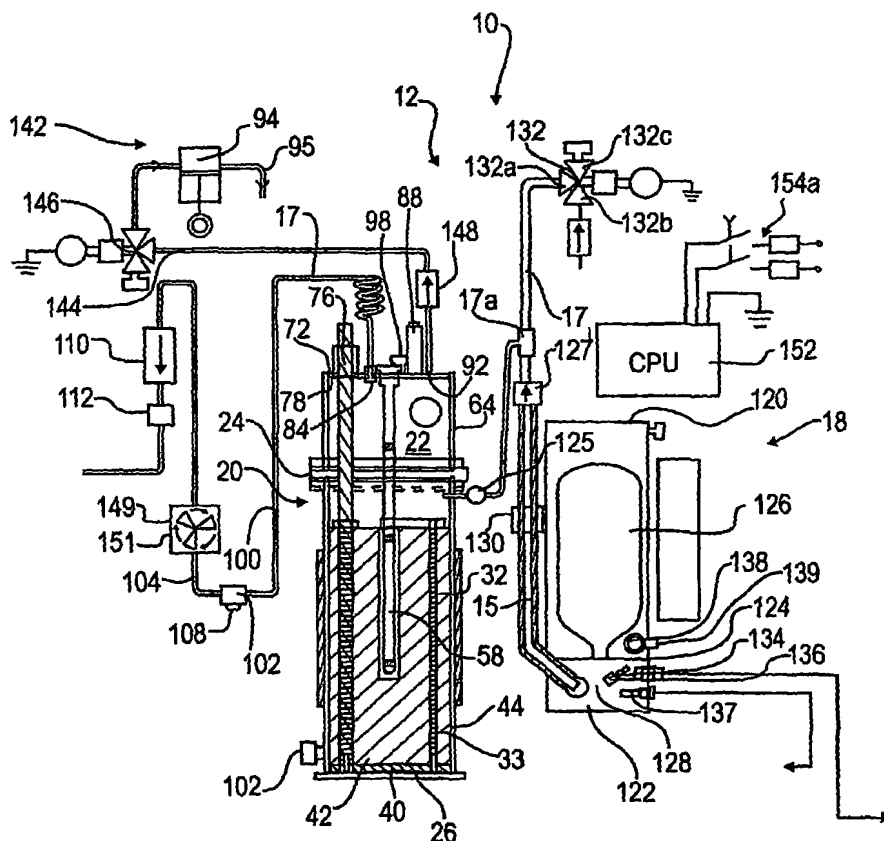
(74) Agent: RIDOUT & MAYBEE LLP; 19th Floor, 150 Met-  
calfe Street, Ottawa, Ontario K4A 3A4 (CA).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: OXYGEN/HYDROGEN GENERATOR FOR INTERNAL COMBUSTION ENGINES





GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Date of publication of the amended claims:** 14 July 2005

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

**Published:**

- with international search report
- with amended claims